Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 05 Oct 2021 until 23:59 on Wednesday 06 Oct 2021

Forecast Issued on Monday 04 Oct 2021 at 14:38

Confidence: Lower confidence in details for Tuesday's rainfall and how long it will last, high confidence for a settled day on Wednesday but again confidence decreases on Thursday and Friday as another wet and windy period is likely.

Headline for Tuesday 05 Oct 2021: A wet and windy day, with Northwesterly gales later.

Mountain weather hazards on Tuesday 05 Oct 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Cloudy	Cloudy	Heavy Rain	Heavy Rain	Heavy Rain	Cloudy	Partly cloudy (night)
Precipitation probability							
40%	60%	60%	80%	80%	80%	60%	30%

Forecast for Tuesday 05 Oct 2021

Weather: Rainfall mostly affecting the north of the Peak District at first, there may be a drier period for a time before dawn. A lot of uncertainty in rainfall but likely to be dry at first but heavy and persistent rain through the middle of the day with some localised flooding possible of watercourses and access roads. Perhaps some more breaks in the rain in the west during later in the day. Rain eventually clearing from the west with some cloud breaks likely during the evening.

Chance of cloud free mountain/hill tops above 600m: In the north 20% or less, in the south 40%, there may be more cloud breaks first thing and in the west but there is uncertainty in the extent rain will spread west and how soon it will clear away in the afternoon. Perhaps some cloud breaks later in the afternoon around western hills.

Visibility: Visibility will be poor or very poor around the eastern Peak District with extensive low cloud and heavy outbreaks of rain. Cloud is likely to be broken or extensive from 300m and above. In the west cloud will be scattered or broken from 400m and above and rain is expected to be more showery with some clearer spells. Some brighter conditions will reach the west during the evening with cloud expected to break and clear.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Tuesday 05 Oct 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/31 SE	15/22 SE	8/12 SW	10/14 SW	22/31 NW	28/39 NW	27/38 NW	25/36 NW	23/34 NW
300	20/31 SE	12/19 S	6/11 S	9/14 W	19/28 NW	22/34 NW	21/33 NW	20/32 NW	18/31 NW
Valley	12/29 SE	8/18 SE	5/10 SW	7/14 NW	13/28 NW	16/34 NW	14/32 NW	13/29 NW	11/26 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/2	8/4	7/5	7/4	7/2	6/1	6/1	6/1	5/-0
300	10/6	10/8	9/8	9/7	9/5	9/5	9/5	9/5	8/4
Valley	10/7	10/8	9/8	10/8	9/6	9/6	9/6	9/6	8/5
Freezing Level*	1900m	1800m	1600m	1600m	1600m	1600m	1600m	1500m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cool on the hill tops with winds touching gale force in the afternoon and heavy rain at times.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 04 Oct 2021	2.4mm	9.2mm	14mm

Forecast for Wednesday 06 Oct 2021

Weather: Cloud clearing overnight and feeling chilly by dawn as strong northwesterly winds begin to ease. A bright day is expected with lots of Autumn sunshine, perhaps clouding over later in the afternoon.

Maximum wind: Northwesterly 25mph with gusts 35mph around dawn but steadily easing and 10-15mph is likely by mid afternoon, turning southerly later in the evening.

Chance of cloud free mountain/hill tops above 600m: 90%, some early patches of cloud but nearly all summits will be clear with good clarity of air in the northwesterly airstream giving good views during the afternoon.

Visibility: Very good visibility but some patches of cloud around 600m at the start of the day.

Temperature: **Valleys:** Plus 5 rising to 14 Celsius.
At 600m: Plus 4 Celsius rising 11 Celsius.
Freezing level: Above the summits.

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